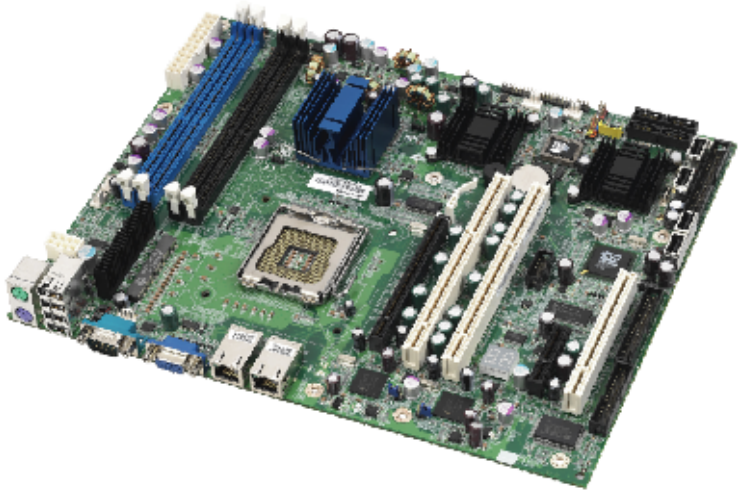
TYAN

Server Solution



Toledo i3010W

S5197

Intel UP Performance Solution

- Supports Intel® Celeron™ D , Pentium™ D, Pentium™ 4, Pentium™ Extreme Edition, Intel® Core™ 2 Duo processor
- Supports 1066/800/533 MHz FSB
- Four DDR-II 533/667 DIMM Sockets
- Expansion Capability
  (2) Two PCI-X 133/100/66 slots in one PCI-X bus
  (1) One PCI-Express x16 slot with PCI-Express x8 signals
  (1) One 32bit/33MHz 3.3V PCI 2.2 slot
  PCI-Express x4 slot with PCI-Express x4 signals
- (2) Two Intel® 82573 GbE NICs (1*82573E & 1*82573V)
- (4) Four SATA2 Ports Running at 3Gb/Sec, Raid 0 ,1,5,10
- (2) Two Intel® 82573 GbE NICs(1*82573E & 1*82573V)

(Specifications are subject to change without notice. Items pictured may only be representative.)

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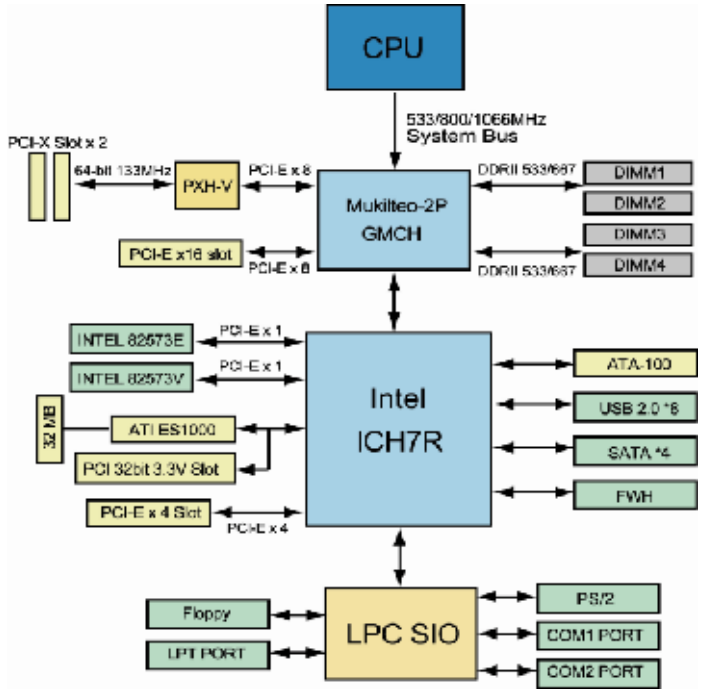
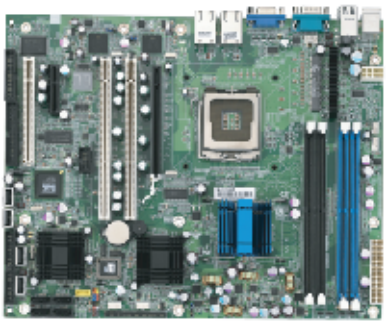
Block Diagram



TOP View



SPECIFICATIONS

Processor
- Single Socket-T (LGA775 Socket)
- Supports Intel® Xeon® processor 3000 series, Intel® P4, Pentium™ D, Core™ 2 Duo, Core™ 2 Extreme, Celeron™ D processors
- Onboard 5-phase VRM
- 1066/800/533MHz FSB support

Chipset
- Intel® 3010 + PXH-V + ICH7R

Memory
- Dual or single DDR-II memory channels
- Four DDR-II 533/667 DIMM sockets
- Supports up to 8 GB ECC or non-ECC unbuffered memory

Expansion Slots
- (2) PCI-X 133/100/66MHz slots in (1) PCI-X bus
- (1) PCI-E x16 slot (with x8 signals)
- (1) PCI-E x4 slot (with x4 signals)
- (1) PCI v2.2 32-bit 33MHz 3.3V slot
- (5) total usable slots

Integrated I/O
- (1) Floppy connector for up to two drives
- (1) COM port (via cable)
- (1) ECP/EPP/SPP parallel port header (via cable)
- (4) USB 2.0 Type A (vertical) connectors
- (1) IDE connector
- (4) SATA-II ports
- (1) 2x25 connector for optional TYAN SMDC card

Back Panel I/O ports
- Stacked PS/2 mouse and keyboard ports
- Stacked (4) USB ports
- (1) serial and (1) VGA connectors
- (2) Side-by-side GbE RJ-45 w/ stacked dual USB connectors (total 6 USB ports in rear I/O panel)

Integrated Video Controller
- ATI® ES1000 (a.k.a. RN50); PCI interface
- 32MB DDR frame buffer of video memory

Integrated PCI IDE
- (1) ATA 100/66 IDE bus master channel supports up to 2 ATA/ATAPI IDE compliant drives

Integrated LAN Controllers
- (2) 10/100/1000 Gigabit Ethernet NIC
- (2) Intel® i82573 GbE NICs (82573E & 82573V)
- Running at independent x1 PCI-E buses

System Management
- Tyan M3291 SMDC support via 25x2 pin-header
- Integrated H/W monitoring functions in Super I/O chip with PECI support
- (1) 4 pin CPU Fan header & (4) 4-pin fan headers
- 2-pin chassis intrusion header
- Temperature and voltage monitoring

Intelligent Platform Management Interface (optional)
- Tyan M3291 Server Managment Daughter Card
- Support features listed below via IPMI header
- Based Renesas H8 2167 Baseboard Management Controller (BMC)
- Tailored for IPMI 2.0 specifications
- Windows® and Linux based Management Solution
- Supports RMCP and SNMP protocols
- I2C serial multi-master controllers and UARTs
- Remote Power on/off and reset support (IPMI-over-LAN) on Intel 82573

Power Supply
- EPS 12V; universal 24 + 8-pin power connectors

BIOS
- Phoenix BIOS® on 8Mbit Flash ROM
- Supports ACPI 1.0, PnP
- Auto detection of memory size
- Auto configuration of IDE hard disk types
- User-settings of hardware monitoring
- Multiple boot opt.: PXE or emulated FD/HD
- Power Management: S1, S3, S4, and S5

Form Factor
- ATX footprint (12" x 9.6", 305 x 244mm)

Regulatory
- FCC Class B, European Community CE

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